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No. 261-308

1929-1932



## United States Department of Agriculture

### SERVICE AND REGULATORY ANNOUNCEMENT

#### BUREAU OF ANIMAL INDUSTRY

FEBRUARY, 1930

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the services of the bureau, establishment at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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#### CHANGES IN DIRECTORY

##### Meat Inspection Granted

41. International Products Corporation, Arlington Avenue, Arlington, Staten Island, N. Y.  
 807. Boston Sausage & Provision Co., 411 Commercial Street; mail, 167 Blackstone Street, Boston, Mass.

##### Meat Inspection Withdrawn

- 1-Y. Armour & Co., Memphis, Tenn.  
 230. Hedlund & Co., Seattle, Wash.  
 945. George Nye Co., Springfield, Mass.



## Change in Name of Official Establishment

340. Cox & Gordon (Inc.), and Cox & Gordon Packing Co., 1019 South Third Street, St. Louis, Mo., instead of previous name.
- \*892. Sambol & Rollwagon Packing Co., Shawnee Street at Railroad, Kansas City, Kans., instead of previous name.

## New Substation

Arlington, Staten Island, N. Y., meat inspection under New York, N. Y.

## NOTICES REGARDING MEAT INSPECTION

## ANIMAL CASINGS OF FOREIGN ORIGIN

Certificates required by B. A. I. Order 305 and instructions issued thereunder, which bear the official title of the high official of the foreign country as specified below, will be acceptable with animal casings offered for importation into the United States.

The certificates must also bear the signature of the high official of the national government having jurisdiction over the health of animals in the foreign country in which the casings originated, but owing to the fact that the high officials are changed from time to time it is impracticable to publish their names.

Official title	Foreign country
Minister of Agriculture.....	Estonia

## SHIPMENTS OF MEATS REQUIRING SPECIAL SUPERVISION

Referring to shipments between official establishments of meat passed for sterilization, fresh pork for Great Britain, and 20-day 5-degree pork, in view of the restrictions necessary in handling these products hereafter railroad cars containing any of them shall be sealed regardless of the quantity shipped. The precaution of sealing the cars should not be construed as waiving previous instructions governing the handling of these products.

## PAPER IN CONTACT WITH FRESH MEAT SHIPPED IN SLACK BARRELS

Paper used for covering or lining slack barrels in contact with fresh meat should be of a kind which does not tear during such use but will remain intact when moistened by the meat juices and not disintegrate.

## USE OF BARIUM CARBONATE, RED SQUILL, AND SODIUM FLUORIDE

The use of barium carbonate and red squill as rat poisons, and of sodium fluoride as a roach exterminator, may be permitted without submitting samples for laboratory examination when these substances are furnished by known, reputable dealers in drugs or chemicals and there is no reason for suspecting the presence of objectionable impurities or poisons in them. A like exception from laboratory examination may be made in the case of proprietary preparations of which the active constituent is barium carbonate, red squill, or sodium fluoride, when such preparations are plainly labeled to show one or more of these substances as the active constituent. The substances must be used only under the restrictions appropriate to each. Reference is made to Service and Regulatory Announcements for April, 1915, page 43, June, 1923, page 55, and June, 1928, page 49, for the restrictions applicable to sodium fluoride, barium carbonate, and red squill, respectively.

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\* Conducts slaughtering.



# ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, BY DISTRICTS, JANUARY, 1930

Station	Cattle	Calves	Sheep	Goats	Swine
Baltimore.....	6,366	686	94	1	74,568
Buffalo.....	7,704	1,815	5,189	-----	82,519
Chicago.....	129,066	43,671	207,072	-----	729,633
Cincinnati.....	13,054	5,478	4,503	5	90,802
Cleveland.....	8,162	4,235	10,725	-----	64,605
Denver.....	8,808	1,732	16,771	-----	52,969
Detroit.....	8,004	6,333	13,333	1	106,104
Fort Worth.....	24,731	26,599	22,357	13	27,455
Indianapolis.....	17,540	4,700	6,530	-----	174,757
Kansas City.....	73,974	13,912	122,315	27	279,226
Milwaukee.....	15,402	48,861	3,851	-----	131,216
National stock yards.....	25,119	3,496	20,119	18	99,518
New York.....	32,703	52,692	220,020	-----	125,360
Omaha.....	73,031	6,095	152,563	16	307,603
Philadelphia.....	5,394	6,610	13,905	-----	81,420
St. Louis.....	13,828	3,743	4,384	1	142,428
Sioux City.....	33,716	2,478	74,485	1	218,752
South St. Joseph.....	24,373	5,345	115,809	1	105,781
South St. Paul.....	41,804	65,857	53,555	2	301,513
Wichita.....	6,881	1,949	4,681	-----	43,523
All other establishments.....	143,133	67,485	152,810	507	1,761,619
Total: January, 1930.....	712,793	373,772	1,225,071	593	5,001,371
January, 1929.....	735,685	368,010	1,150,011	1,117	5,737,737
7 months ended January, 1930.....	5,125,818	2,542,511	8,710,319	18,355	28,270,536
7 months ended January, 1929.....	5,108,967	2,575,077	8,380,762	13,175	27,725,871
New York, Brooklyn, Jersey City, and Newark <sup>1</sup> .....	39,369	59,090	257,752	-----	254,861

Horses slaughtered in January, 1930..... 8,064  
Horses slaughtered in January, 1929..... 9,794  
7 months ended January, 1930..... 94,255  
7 months ended January, 1929..... 83,981

Inspections of lard at all establishments, 184,496,770 inspection pounds; compound and other substitutes, 38,637,568 inspection pounds; sausage, 62,575,552 inspection pounds.

Corresponding inspections for January, 1929: Lard, 216,273,052 inspection pounds.

Compound and other substitutes, 42,731,905 inspection pounds; sausage, 61,478,569 inspection pounds.

(These totals of inspection pounds do not represent actual production, as the same product may have been inspected and recorded more than once in the process of manufacture.)

<sup>1</sup> The slaughter figures for this group of cities are included in the figures above for "New York" and "All other establishments" and are combined here to show total in the Greater New York district.

## EXTENT OF TUBERCULOSIS IN ANIMALS SLAUGHTERED AT THREE IMPORTANT MARKETS, JANUARY, 1930

Station	Total slaughter	Retained for tuberculosis		
		Total	Passed for cooking	Condemned
Cattle:				
Chicago.....	129,066	5,521	197	771
Kansas City.....	73,974	203	10	33
Omaha.....	73,031	529	31	69
Swine:				
Chicago.....	729,633	91,502	941	834
Kansas City.....	279,226	14,499	129	84
Omaha.....	307,603	21,342	203	169

## CAUSES OF CONDEMNATION OF CARCASSES, DECEMBER, 1929

Cause	Cattle	Calves	Sheep	Swine
Emaciation.....	617	136	515	75
Hog cholera.....	-----	-----	-----	1,824
Inflammatory diseases.....	1,145	265	748	3,975
Immaturity.....	-----	259	-----	-----
Tuberculosis.....	2,412	31	1	3,464
All other causes.....	1,345	153	524	4,522
Total.....	5,519	844	1,788	13,860

## IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS

*Imports of food animals*

Country of export	Cattle	Swine	Sheep	Goats
Mexico.....	15,971			
Canada.....	7,082	16	104	4
Virgin Islands (to Porto Rico).....	877			
Total: January, 1930.....	23,430	16	104	4
January, 1929.....	20,454	33	1,467	22
7 months ended January, 1930.....	244,227	2,490	27,063	228
7 months ended January, 1929.....	304,014	2,529	17,329	178

*Imported meats and meat food products*

Country of export	Fresh and refrigerated		Cured and canned	Other meat products	Total weight
	Beef	Other			
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Argentina.....			1,000,354	54,642	1,054,996
Australia.....	4,751	28		7,065	11,844
Brazil.....			24,897		24,897
Canada.....	473,328	124,128	742,410	516,460	1,856,326
New Zealand.....		191		65,530	65,721
Uruguay.....			498,245	35,871	534,116
Other countries.....	326,982		54,927	144,802	526,711
Total: January, 1930.....	805,061	124,347	2,320,833	824,370	4,074,611
January, 1929.....	2,588,423	410,680	5,776,892	886,686	9,662,681
7 months ended January, 1930.....	20,494,865	4,651,236	60,599,802	6,035,529	91,781,432
7 months ended January, 1929.....	38,742,563	8,492,359	48,492,850	6,688,209	102,415,981

Condemned in January, 1930: Beef, 51 pounds; pork, 158 pounds; total 209 pounds.

Refused entry: Beef, 958 pounds; mutton, 1,041 pounds; pork, 1,201 pounds; total, 3,200 pounds.

## FOREIGN MEAT-INSPECTION OFFICIAL

Name and specimen signature of a foreign official who has been authorized by his national government to sign and issue foreign meat-inspection certificates for meat and meat food products exported to the United States.

Country and name	Signature
SCOTLAND	
C. Barclay Reekie.....	<i>C. Barclay Reekie.</i>

# SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, JANUARY, 1930

State	Tuberculin tests during month			Total to date			Inspector in charge	State official
	Herds or lots	Cattle tested	Cattle re-acted	Once-tested free herds	Accredited herds	Herds under supervision		
Ala.....	111	1,528	4	6,035	317	8,622	R. E. Jackson.....	C. A. Cary, Auburn.
Ariz.....	282	4,522	53	8,261	46	8,340	F. L. Schneider.....	R. J. Hight, Phoenix.
Ark.....	155	923	0	10,484	17	10,501	W. A. McDonald.....	J. H. Bux, Little Rock.
Calif.....	135	9,168	137	7,081	128	7,466	R. Snyder.....	J. P. Iverson, Sacramento.
Colo.....	13	476	23	932	178	1,576	W. E. Howe.....	C. G. Lamb, Denver.
Conn.....	432	6,885	181	3,454	2,886	6,981	R. L. Smith.....	Charles Johnson, Hartford.
Del.....	1,564	6,987	125	4,231	2,354	6,788	E. B. Simonds.....	O. A. Newton, Bridgeville.
D. C.....	0	0	0	99	8	107	A. E. Wight.....	
Fla.....	64	2,800	11	8,079	97	8,922	J. G. Fish.....	J. V. Knapp, Tallahassee.
Ga.....	2,123	5,852	5	36,563	31	36,599	A. L. Hirsleman.....	J. M. Sutton, Atlanta.
Idaho.....	507	13,174	4	36,654	59	39,911	W. A. Sullivan.....	A. J. Dickman, Boise.
Ill.....	10,084	110,808	2,087	144,564	5,509	163,439	J. J. Lintner.....	D. W. Robison, Springfield.
Ind.....	2,533	23,016	90	142,953	23,636	168,802	J. E. Gibson.....	Frank H. Brown, Indianapolis.
Iowa.....	3,226	59,878	573	122,405	2,974	190,700	J. A. Barger.....	M. G. Thornburg, Des Moines.
Kans.....	3,041	33,835	119	95,575	597	96,549	N. L. Townsend.....	J. H. Mercer, Topeka.
Ky.....	941	7,872	27	76,731	38	78,581	W. F. Biles.....	D. E. Westmorland, Frankfort.
La.....	229	5,545	106	8,732	13	9,096	G. T. Cole.....	E. P. Flower, Baton Rouge.
Me.....	535	5,551	56	42,891	809	43,817	G. H. Caldwell.....	A. A. Tucker, Augusta.
Md.....	1,280	14,737	224	15,647	8,524	31,108	E. B. Simonds.....	James B. George, Baltimore.
Mass.....	786	11,494	1,055	2,581	1,644	5,160	E. A. Crossman.....	E. F. Richardson, Boston.
Mich.....	5,301	47,570	182	182,976	68	184,543	T. S. Rich.....	B. J. Killham, Lansing.
Minn.....	1,002	22,195	188	101,579	8,867	112,438	W. J. Fretz.....	C. E. Cotton, St. Paul.
Miss.....	277	2,070	1	8,733	28	8,761	H. Robbins.....	R. V. Rafnel, Jackson.
Mo.....	750	7,466	17	77,666	227	81,417	Ralph Graham.....	H. A. Wilson, Jefferson City.
Mont.....	140	3,884	17	32,328	90	32,470	J. W. Murdoch.....	W. J. Butler, Helena.
Nebr.....	2,074	30,365	216	72,939	118	73,367	A. H. Francis.....	C. H. Hays, Lincoln.
Nev.....	71	2,172	3	1,626	12	1,938	L. C. Butterfield.....	Edward Records, Reno.
N. H.....	944	12,074	363	2,953	4,122	7,483	E. A. Crossman.....	A. L. Felker, Concord.
N. J.....	434	3,817	353	4,361	3,276	11,347	W. G. Middleton.....	J. H. McNeil, Trenton.
N. Mex.....	65	687	2	2,169	24	2,251	F. L. Schenider.....	Mat Keenan, Albuquerque.
N. Y.....	5,919	83,768	4,756	26,725	76,323	112,426	H. B. Leonard.....	E. T. Faulder, Albany.
N. C.....	143	1,436	6	256,619	305	256,924	W. C. Dendinger.....	William Moore, Raleigh.
N. Dak.....	1,520	30,857	48	54,826	5,284	66,351	H. H. Cohenour.....	W. F. Crewe, Bismarck.
Ohio.....	8,557	77,795	1,657	194,383	839	202,183	A. J. De Fosset.....	C. McCandless, Columbus.
Okla.....	38	1,473	0	118	262	390	L. J. Allen.....	C. C. Hisel, Oklahoma City.
Oreg.....	733	6,254	28	18,944	346	19,309	S. B. Foster.....	W. H. Lytle, Salem.
Pa.....	12,499	82,041	3,289	115,348	5,973	133,603	J. B. Reidy.....	T. E. Munce, Harrisburg.
R. I.....	73	1,511	172	247	133	701	E. A. Crossman.....	T. E. Robinson, Providence.
S. C.....	760	4,974	6	65,436	104	65,600	W. K. Lewis.....	W. K. Lewis, Columbia.
S. Dak.....	336	8,504	118	9,591	1,176	11,177	J. O. Wilson.....	T. H. Ruth, Pierre.
Tenn.....	997	6,828	5	67,149	128	67,374	H. L. Fry.....	J. M. Jones, Nashville.
Tex.....	1,029	9,191	28	551	281	722	H. L. Darby.....	N. F. Williams, Fort Worth.
Utah.....	358	2,129	8	10,775	99	11,348	F. E. Murray.....	W. H. Hendricks, Salt Lake City.
Vt.....	1,097	22,976	263	5,887	6,974	23,819	L. H. Adams.....	Edward H. Jones, Montpelier.
Va.....	1,733	12,655	85	41,075	957	43,205	R. E. Brookbank.....	H. C. Givens, Richmond.
Wash.....	1,301	15,341	106	44,401	84	48,369	J. C. Exline.....	Robert Prior, Olympia.
W. Va.....	1,200	8,145	15	56,305	610	58,009	H. M. Newton.....	John W. Smith, Charleston.
Wis.....	4,587	118,303	3,984	162,872	12,491	178,310	J. S. Healy.....	L. M. Wright, Madison.
Wyo.....	94	977	4	10,954	3	12,295	John T. Dallas.....	H. D. Port, Cheyenne.
Total.....	82,073	952,509	20,800	2,403,488	179,069	2,750,195		



## PERMITTED DISINFECTANTS

(List revised to February 10, 1930)

In accordance with the provisions of B. A. I. Order 309, the bureau has granted permission for the use of the following saponified cresol solutions in the general disinfection of cars, yards, and other premises:

Name of disinfectant	Manufacturer
Acresol Cresol Compound.....	The Selig Co., 12 Latimer Street, Atlanta, Ga.
Anchor Brand Cresol Compound.....	The Antiseptic Products Co., 3101 Walnut Street, Denver, Colo.
Atlas 50% Cresol Compound.....	Chipman Chemical Engineering Co., 95 Liberty Street, New York, N. Y.
ADCO Cresolis.....	American Disinfecting Co. (Inc.), Sedalia, Mo.
Clarisol.....	International Chemical Co., 3130 South Canal Street, Chicago, Ill.
Cooper's Saponified Cresol Solution.....	Wm. Cooper & Nephews, Chicago, Ill.
Cre-O-Cris.....	Rochester Germicide Co., Rochester, N. Y.
Cre-Septic.....	Theo. B. Robertson Products Co., Chicago, Ill.
Cresol Compound Clifton.....	Clifton Chemical Co., 246 Front Street, New York, N. Y.
Crestart Dip.....	Baird & McGuire (Inc.), Holbrook, Mass.
Cresylene Cresol Compound.....	The Hunt Manufacturing Co., Cleveland, Ohio.
Cresun Saponified Cresol Solution.....	U. S. Sanitary Specialties Corporation, 435 South Western Avenue, Chicago, Ill.
Curts-Folse Cresol Compound Solution.....	Curts-Folse Laboratories, 70 Central Avenue, Kansas City, Kans.
Cresnol Cresol Compound.....	Fort Pitt Chemical Co., 3134 Penn Avenue, Arsenal Station, Pittsburgh, Pa.
C-4 Soluble Disinfectant.....	Coopers Creek Chemical Co., West Conshohocken, Pa.
Cardis.....	The P. M. Frank Disinfecting Co., 494 Broome Street, New York, N. Y.
Carden Brand Saponified Cresol Solution.....	Carden-Drury Chemical Works, 2200 North Martha Street, Philadelphia, Pa.
Dr. Hess Saponified Cresol Solution.....	Dr. Hess & Clark (Inc.), Ashland, Ohio.
Dioxy Cresol Compound.....	Preston T. Rhodes, 112 North Delaware Avenue, Philadelphia, Pa.
Deodol.....	The Norwich Pharmacal Co., Norwich, N. Y.
Dixoline.....	Dixie Chemical Co. (Inc.), 838 Gov. Nicholls Street, New Orleans, La.
Fecticide.....	Parke, Davis & Co., Detroit, Mich.
Germo-Cresolis.....	Germo Manufacturing Co., St. Louis, Mo.
Glidden Shur-Shot Disinfectant.....	The Glidden Co., Cleveland, Ohio.
Genpo Saponified Cresol Solution.....	General Compounding Corporation, Central Avenue and Seventy-ninth Place, Glendale, Brooklyn, N. Y.
Hexsol.....	Tar Products Corporation, Providence, R. I.
Karspray.....	West Disinfecting Co., 16 Barn Street, Long Island City, N. Y.
Key-State Disinfectant.....	Interstate Chemical Co., Jersey City, N. J.
Kremulso.....	Leeds Chemical Co., Kansas City, Mo.
Keystone Brand Saponified Cresol Solution.....	James Good (Inc.), 211 East Susquehanna Avenue, Philadelphia, Pa.
Kreo.....	The W. T. Rawleigh Co., Freeport, Ill.
Kre-Sol.....	Connecticut Chemical & Disinfectant Co., 683 Chapel Street, New Haven, Conn.
Licresolis.....	West Disinfecting Co., 16 Barn Street, Long Island City, N. Y.
Lilly's Cresol Compound, U. S. P.....	Eli Lilly & Co., Indianapolis, Ind.
Masol.....	Charles B. Rodes, 3436 Broadway, Kansas City, Mo.
Mapco 50% Cresol Compound.....	Michel & Pelton Co., 639 Howard Street, San Francisco, Calif.
Midland Cresol Compound.....	Midland Chemical Co., Dubuque, Iowa.
Moorman's Saponified Cresol.....	Moorman Manufacturing Co., Quincy, Ill.
NSCO Cresol Compound.....	National Supply Co., Birmingham, Ala.
Pennsylvania Railroad Saponified Cresol Solution.....	Pennsylvania Railroad Co., Altoona, Pa.
Red Seal Liquor Cresolis Compound.....	Shores-Mueller Co., Cedar Rapids, Iowa.
Reilly's Cresolis Compound.....	Republic Cresoiting Co., Merchants Bank Building, Indianapolis, Ind.
Roger's 50% Cresol Solution.....	Detroit White Lead Works, Chicago, Ill.
San-I-Sol.....	McLaughlin Gormley King Co., 1715 Fifth Street SE., Minneapolis, Minn.
Sapo-Cresol Special.....	Cremoline Disinfecting Co., St. Louis, Mo.
Sherwin-Williams 50% Cresol Solution.....	The Sherwin-Williams Co., Chicago, Ill.
Solereo S. L.....	The Standard Laboratories, 847 West Jackson Boulevard, Chicago, Ill.
Standard Saponified Cresol Solution.....	The Standard Chemical Co., Tacoma, Wash.
Supersan Cresol Compound.....	Chemical Compounding Corporation, 262 Huron Street, Brooklyn, N. Y.
Van Schaack's Liquor Cresolis Comp.....	Peter Van Schaack & Sons, Chicago, Ill.

## DISTRIBUTORS OF PERMITTED DISINFECTANTS

Disinfectant	Distributed under name of—	Distributor
Cooper's Saponified Cresol Solution.	Blue Cross Saponified Cresol.	Blue Cross Veterinary Supply Co., Superior, Nebr.
Crestall Dip.....	Booth's Cresol Compound..	J. M. Booth Chemical Co., 1020 East Overland Street, El Paso, Tex.
Carbola Liquid Disinfectant..	.....	Carbola Chemical Co. (Inc.), Natura Bridge, N. Y.
Chemo Cattle Didisectant....	.....	Chemo Co., Buffalo, N. Y.
Coliseptol.....	.....	Beebe Laboratories (Inc.), St. Paul, Minn.
Creoslave.....	.....	The Chemical Supply Co., 2450 Canal Road, Cleveland, Ohio.
Creco Special.....	.....	Creco Co. (Inc.), Creco Building, Long Island City, N. Y.
Cabell's Hatchers Disinfectant.	.....	The Cabell Chemical Co., 320 Fifteenth Street, Huntington, W. Va.
Dinsol.....	.....	Meyer Brothers Drug Co., St. Louis, Mo.
Dr. LeGear's Cresol Disinfectant.	.....	Dr. L. D. LeGear Medicine Co., 4161 Beck Avenue, St. Louis, Mo.
Disinfectone Cresol Compound.	.....	W. D. Carpenter Co. (Inc.), Syracuse, N. Y.
Economy Disinfectant.....	.....	Economy Hog & Cattle Powder Co., Shenandoah, Iowa.
Elkay's Agricultural Disinfectant.	.....	United Drug Co., 43 Leon Street, Boston, Mass.
Globe 50% Cresol Solution.....	.....	Globe Laboratories, Fort Worth, Tex.
Glover's Cresol Disinfectant..	.....	H. Clay Glover Co. (Inc.), 119 Fifth Avenue, New York, N. Y.
Hockwald's Creol-Lic Dip.....	.....	Hockwald Chemical Co., 531 Howard Street, San Francisco, Calif.
Heinrich's Crestall Solution.....	.....	The Heinrich Chemical Co., Minneapolis, Minn.
Kre-Lik.....	.....	J. F. Devine Laboratories (Inc.), Goshen, N. Y.
Kresolig.....	.....	Z. D. Gilman, 627 Pennsylvania Avenue, N.W., Washington, D. C.
Lee's 50% Cresol Solution.....	.....	Geo. H. Lee Co., Omaha, Nebr.
Myco Disinfecto.....	.....	Masury Young Co., Boston, Mass.
Stanco Solution of Cresol Compound.	.....	Standard Drug Co., Meridian, Miss.
Tri-Krecide.....	.....	Pitman-Moore Co., Indianapolis, Ind.
U-C-Cos Cresolis.....	.....	United Chemical Cos., 401 Delaware Street, Kansas City, Mo.
Watkins 50% Cresol Solution.....	.....	The J. R. Watkins Co., Winona, Miss.
Zelco Disinfectant.....	.....	The Sanitary Products Corporation, 160 Fifth Avenue, New York, N. Y.
Clarisol.....	Zenisol.....	Zenoleum Products Co., 2231 Park Avenue, Detroit, Mich.
Cresyline Cresol Compound.....	Creoxil.....	The Paine Drug Co., Rochester, N. Y.
Creusan Saponified Cresol Solution.	Krefecto No. 2.....	San Antonio Drug Co., San Antonio, Tex.
Keystone Brand Saponified Cresol Solution.	Krosan.....	Joseph Kroger Soap Co., Cincinnati, Ohio.
.....	Fidelity Stock Disinfectant.....	Fidelity Laboratories (Inc.), 820 Exchange Avenue, Chicago, Ill.
.....	Grotta Zoo-O-San No. 1.....	Adolphe Grotta, 56 Montana Street, Germantown, Philadelphia, Pa.
Midland Cresol Compound.....	Cresylol.....	Norden Laboratories, Lincoln, Nebr.
Red Seal Liquor Cresolis Compound.	Fort Dodge Saponified Cresol.	Fort Dodge Serum Co., Fort Dodge, Iowa.
.....	Holt's Liquor Cresolis Compound.	Howard Holt Co., Cedar Rapids, Iowa.
Sherwin-Williams 50% Cresol Solution.	Bourbon Cresol Compound.	Bourbon Remedy Co., Lexington, Ky.
.....	Corn States 50% Cresol Solution.	The Corn States Serum Co., Omaha, Nebr.
.....	Fuller's 50% Cresol Solution.	Fuller Biological Laboratory, Springville, N. Y.
.....	Hemingway's 50% Cresol Solution.	Heminway & Co. (Inc.), Chicago, Ill.
.....	Ka-De-Co Cresol Solution 50%.	Keifer-Stewart Co., Capital Avenue and Georgia Street, Indianapolis, Ind.
.....	Li-Cresol.....	The Jensen-Salsbery Laboratories (Inc.), Twenty-first and Penn Streets, Kansas City, Mo.
.....	Miller's 50% Cresol Solution.	Miller Chemical Co., Fifteenth and California Streets, Omaha, Nebr.
San-I-Sol.....	Car-Cresol.....	Noyes Bros. & Cutler (Inc.), Park Square, St. Paul, Minn.
.....	Macreso.....	Marrinan Medical Supply, 169 West Third Street, St. Paul, Minn.
.....	Pratts' Cresol Disinfectant..	Pratt Food Co., 124 Walnut Street, Philadelphia, Pa.
.....	San-I-Sol.....	Pett Stock Remedy Co., 33 South Twenty-fifth Street, Council Bluffs, Iowa.

## DISTRIBUTORS OF PERMITTED DISINFECTANTS

Disinfectant	Distributed under name of—	Distributor
San-I-Sol.....	Twentieth Century Disinfectant.	Twentieth Century Manufacturing Co., Cedar Rapids, Iowa.
Sapo-Cresol Special.....	Macosol.....	McConnon & Co., Winona, Minn.
	Crespolin.....	The Worrell Manufacturing Co., St. Louis, Mo.
Hexsol.....	Dusol.....	Buffalo Scientific Co., Massachusetts Avenue and Niagara Street, Buffalo, N. Y.

## ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER LICENSES

	Total serum	Clear serum completed	Hyperimmune blood cleared	Simultaneous virus	Hyperimmunizing virus
	<i>C. c.</i>	<i>C. c.</i>	<i>C. c.</i>	<i>C. c.</i>	<i>C. c.</i>
January, 1930.....	38, 243, 377	32, 787, 195	43, 352, 073	2, 038, 636	11, 015, 429
January, 1929.....	59, 147, 129	44, 474, 497	53, 459, 564	1, 953, 949	16, 322, 607
7 months ended January, 1930.....	525, 383, 942	376, 815, 106	417, 949, 531	33, 282, 205	96, 205, 517
7 months ended January, 1929.....	533, 272, 525	405, 946, 564	464, 372, 504	36, 738, 435	111, 849, 145

## PERMITS ISSUED FOR BIOLOGICAL PRODUCTS IN JANUARY, 1930

Permit No. 6 was issued January 9, 1930, to A. Charklian, 516 Fifth Avenue, New York City, for the importation of antrax vaccine (manufactured by Laboratoire des vaccins, Pasteur Pour l'Etranger, 83 Rue Dutot, Paris, France), and canine-antidistemper serum D. W. (manufactured by Laboratoire de Sérothérapie Vétérinaire, 83 Rue Escudier, Boulogne-sur-Seine, France).

## BIOLOGIC PRODUCTS OTHER THAN ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED BY LICENSED ESTABLISHMENTS DURING CALENDAR YEAR ENDED DECEMBER 31, 1929

Aggressins:		Doses	Bacterins—Continued.		Doses
Anthrax.....		360, 599	Mixed (canine).....		49, 590
Blackleg (natural).....		3, 774, 005	Mixed (equine).....		105, 637
Blackleg (cultural).....		382, 389	Mixed (feline).....		3, 577
Hemorrhagic septicemia.....		2, 746, 860	Mixed (lepine).....		33, 169
			Mixed (ovine).....		78, 242
Total.....		7, 263, 853	Mixed (porcine).....		1, 078, 525
Antisera and sera:			Navel-ill (equine).....		36, 612
Abortion (bovine).....		8, 427	Pneumonia (bovine).....		2, 860
Anthrax.....		795, 145	Pneumonia (porcine).....		2, 820
Blackleg.....		10, 621	Pyogenes bacillus (bovine).....		1, 543
Botulinus.....		14, 025	Rhinitis mixed (porcine).....		5, 930
Distemper (canine).....		198, 309	Scours (bovine).....		137, 928
Hemorrhagic septicemia.....		113, 453	Sours (porcine).....		222, 745
Influenza (equine).....		28, 453	Staphylococcus.....		15, 356
Mastitis (bovine).....		6, 475	Streptococcus.....		18, 009
Mixed (avian).....		20, 200	Suipestifer.....		43, 319
Mixed (porcine).....		3, 920	Typhoid (avian).....		52, 950
Mixed (equine).....		4, 201	Total.....		13, 635, 056
Navel-ill (equine).....		3, 315	Diagnostic agents:		
Scours (bovine).....		61, 467	Johnin.....		2, 290
Scours (porcine).....		2, 315	Mallein (intradermic).....		5, 675
Swine erysipelas.....		51, 991	Mallein (ophthalmic, disk).....		26, 928
Tetanus.....		315, 349	Mallein (ophthalmic, liquid).....		100, 425
Venin.....		328	Mallein (subcutaneous).....		3, 835
Normal.....		2, 483	Pullorin.....		1, 891, 835
Total.....		1, 640, 477	Tuberculin (avian).....		605, 240
Bacterins:			Tuberculin (intradermic).....		2, 516, 621
Abortion (bovine).....		139, 262	Tuberculin (ophthalmic, liquid).....		387, 347
Abortion (equine).....		2, 315	Tuberculin (ophthalmic, disk).....		140, 695
Abortion (porcine).....		8, 300	Tuberculin (subcutaneous).....		99, 989
Autogenous.....		132, 814	Total.....		5, 780, 880
Blackleg.....		2, 310, 223	Vaccines, viruses, and toxins:		
Colon.....		5, 655	Abortion vaccine (bovine).....		162, 281
Diarrhea (avian).....		4, 260	Anthrax vaccine.....		1, 992, 340
Distemper (canine).....		137, 751	Blackleg vaccine.....		2, 490, 588
Distemper (feline).....		300	Canine-distemper antigen.....		33, 523
Hemorrhagic septicemia.....		2, 563, 287	Canine-distemper vaccine.....		18, 715
Influenza (equine).....		250, 241	Canine-distemper virus.....		20, 869
Keratitis (bovine).....		170, 673	Chicken-pox vaccine.....		1, 907, 034
Mastitis (bovine).....		390, 076	Rabies vaccine.....		361, 004
Metritis (bovine).....		94, 702	Swine-erysipelas vaccine.....		44, 510
Metritis (equine).....		1, 330	Total.....		7, 030, 864
Metritis (avian).....		5, 086, 732	Grand total.....		35, 351, 130
Mixed (bovine).....		448, 323			



## SUMMARY OF HOG-CHOLERA-CONTROL WORK, JANUARY, 1930

State	Bureau veterinarians engaged in work <sup>1</sup>	Meetings addressed	Premises investigated	Demonstrations		Autopsies performed	Farms quarantined or carded	Farms cleaned and disinfected	Outbreaks reported to bureau veterinarians
				Number	Hogs treated				
Alabama.....	1	2	98	-----	-----	3	-----	-----	-----
Arkansas.....	1	7	34	-----	-----	3	-----	-----	1
California.....	.04	-----	1	-----	-----	1	-----	-----	-----
Colorado.....	1	10	10	-----	-----	1	-----	-----	4
Florida.....	1	-----	36	13	390	3	-----	-----	4
Georgia.....	1.33	1	167	7	73	3	-----	-----	24
Idaho.....	1	9	67	1	28	7	1	-----	1
Illinois.....	3	4	172	-----	-----	52	9	20	25
Indiana.....	2	11	52	-----	-----	14	-----	-----	3
Iowa.....	2	5	29	-----	-----	6	-----	-----	11
Kansas.....	.6	-----	88	-----	-----	-----	-----	-----	-----
Kentucky.....	2	1	192	1	26	19	-----	4	11
Louisiana.....	1	-----	17	6	88	3	-----	-----	5
Maryland.....	2	3	69	-----	-----	16	3	-----	13
Michigan.....	2	-----	80	-----	-----	4	-----	-----	6
Mississippi.....	1.03	1	101	47	406	6	-----	-----	8
Missouri.....	1	3	44	-----	-----	6	-----	-----	5
Nebraska.....	.66	-----	17	-----	-----	9	-----	-----	3
North Carolina.....	1	1	76	9	160	13	14	-----	8
Ohio.....	2	15	27	-----	-----	6	-----	-----	3
Oklahoma.....	.5	-----	16	-----	-----	2	6	-----	1
South Carolina.....	1	-----	51	49	788	4	-----	-----	3
South Dakota.....	1	-----	9	-----	-----	8	-----	-----	8
Tennessee.....	1	-----	95	4	56	8	12	-----	12
Virginia.....	1	4	203	-----	-----	-----	-----	-----	-----
Washington.....	1.5	-----	78	1	42	3	-----	-----	-----
Oregon.....		-----	-----	-----	-----	-----	-----	-----	-----
West Virginia.....	.2	-----	3	-----	-----	-----	-----	-----	3
Wisconsin.....	1	-----	6	-----	-----	8	-----	-----	-----
Total.....	33.86	77	1,838	138	2,057	208	45	24	162

<sup>1</sup> Fractions denote veterinarians devoting part time to the work.

NOTE.—No work reported from Utah and Texas.

## PROCEEDINGS UNDER THE PACKERS AND STOCKYARDS ACT

*Docket No. 143.*—In re the American Live Stock Commission Co. and other market agencies, Union Stock Yards, South Omaha, Nebr. On November 19, 1926, the Secretary issued an order in this docket, prescribing maximum rates for buying and selling livestock by market agencies at the Omaha stockyards. The commission men sought to have the order enjoined before a statutory tribunal of three judges in the Federal court for Nebraska. A temporary injunction was issued, but after full hearing that court dissolved the injunction and rendered a decision upholding the right of the Secretary to fix rates for this service and finding that the rates fixed were reasonable. Following this the rates were put into effect by the market agencies on February 11, 1929, and an appeal was taken to the Supreme Court of the United States. That court handed down a decision on February 24, 1930, upholding the right of the Secretary to prescribe rates for buying and selling livestock at public stockyards, and finding that the rates prescribed by the order in this docket were reasonable.

*Docket No. 302.*—In re J. W. Kothmann & Sons, market agency, Union Stock Yards, San Antonio, Tex. On December 10, 1929, the Acting Secretary issued an inquiry and notice alleging violation of the act by failure of respondent to execute and maintain a reasonable bond to secure the performance of its obligations. The respondent admitted the facts and waived a hearing, and on February 3, 1930, in accordance with the Secretary's regulation, filed with the chief, Bureau of Animal Industry, a fully executed copy of a bond dated December 18, 1929. On February 26, 1930, the Acting Secretary ordered the respondent to cease and desist from doing business as a market agency without executing and maintaining, and having on file a fully executed copy of a surety bond or other satisfactory form of indemnity to secure the performance of its obligations.

## CONTRACTS AND AGREEMENTS WITH PUBLIC UTILITIES

Officials in charge are hereby notified that it will not be necessary to execute new, informal contracts or agreements with public utilities for such services as telephone, gas, electricity, and water for the fiscal year 1931, nor will notice of



renewal be necessary. The service may continue under the existing contract or agreement until such time as a change in the service or rate is effective.

## RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

### MEAT INSPECTION LAW

Frank Shapiro, Camden, N. J., offering uninspected meat for interstate shipment, \$5 fine.

Edward F. King, Cooperstown, N. Y., offering unsound meat for interstate shipment, \$100 fine.

## NEW PUBLICATIONS OF THE BUREAU

[The bureau keeps no mailing list for sending publications to individual employees, but sends copies to officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.]

Farmers' Bulletin No. 825 (revised). Pit Silos. By T. Pryse Metcalfe and George A. Scott, Animal Husbandry Division. Pp. 8, figs. 4.

Farmers' Bulletin No. 1146 (revised). Dourine of Horses. By John R. Mohler, chief, Bureau of Animal Industry, and H. W. Schoening, Pathological Division. Pp. 10, figs. 5.

Farmers' Bulletin No. 1541 (revised). Feeding Chickens. By M. A. Jull and A. R. Lee, Animal Husbandry Division. Pp. 22, figs. 8.

Miscellaneous Publication No. 68. The 1929 Outbreak of Foot-and-Mouth Disease in Southern California. By John R. Mohler, chief, Bureau of Animal Industry, and Rudolph Snyder, Field Inspection Division. Pp. 16, figs. 10.

Effect of Diet on the Resistance of the Albino Rat to *Bacterium abortus*. By Ralph Hoagland, Biochemic Division, and John M. Buck, Bethesda Experiment Station. In Journal of Agricultural Research, vol. 40, No. 3, February 1, 1930. Key No. A—133. Pp. 201 to 208.

Transmission of Pullorum Disease (Bacillary White Diarrhea) in Incubators. By Hubert Bunyea and Walter J. Hall, Pathological Division. In Journal of Agricultural Research, vol. 40, No. 3, February 1, 1930. Key No. A—134. Pp. 209 to 223, figs. 6.

Amendment 6 to B. A. I. Order No. 276, governing the preparation, sale, barter, exchange, shipment, and importation of viruses, serums, toxins, and analogous products intended for use in the treatment of domestic animals. Effective April 1, 1930. P. 1.

Amendment 9 to B. A. I. Order 317, declaring names of counties placed in modified accredited area for tuberculosis. Effective February 1, 1930. P. 1 (mimeographed).

Index to Service and Regulatory Announcements, 1929. By John R. Mohler, chief, Bureau of Animal Industry. Pp. 115 to 117.

## ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY

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